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<b>NAME:</b>	<b>FACSIMILE:</b>	
MS AF US Patent and Trademark Office	(571) 273-8300	
<b>FROM:</b> Michael R. Ward Reg. No. 38,651	<b>DATE:</b>	April 25, 2007
Number of pages with cover page:	5	Originals will NOT follow

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ATTORNEY DOCKET NO.: 416272003700  
SERIAL NO.: 10/664,513  
FILING DATE: September 16, 2003  
ART UNIT: 1655  
EXAMINER: P.C. MARTIN  
INVENTOR(S): Marc K. HELLERSTEIN  
TITLE: BIOCHEMICAL METHODS FOR MEASURING METABOLIC FITNESS OF  
TISSUES OR WHOLE ORGANISMS

Papers attached herewith:

1. Transmittal - 1 page
2. Fee Transmittal (in duplicate) - 2 pages
3. Petition for Extension of Time - 1 page

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PTO/SB/17 (02-07)

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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2008 (H.R. 4818).</b>		<b>Complete If Known</b>		
<b>FEE TRANSMITTAL</b> <b>For FY 2007</b>		Application Number	10/684,513	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	September 16, 2003	
		First Named Inventor	Marc K. HELLERSTEIN	
		Examiner Name	P. C. Martin	
		Art Unit	1655	
TOTAL AMOUNT OF PAYMENT	(\$)	1080.00	Attorney Docket No.	416272003700

## METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account		Deposit Account Number: <u>03-1952</u>		Deposit Account Name: <u>Morrison &amp; Foerster LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)	Small Entity Fee (\$)
	50
Each independent claim over 3 (including Reissues)	200
Multiple dependent claims	360

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
=	=	=	0

HP = highest number of total claims paid for, if greater than 20.

Multiple Dependent Claims	Small Entity Fee (\$)
Fee (\$)	Fee Paid (\$)
0	0

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
=	=	=	0

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
= 100 =	/50	(round up to a whole number) x	=	0

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1255 Extension for response within fifth month

1080.00

## SUBMITTED BY

Signature	<u>Michael R. Ward</u>	Registration No. (Attorney/Agent)	38,651	Telephone	415.268.6237
Name (Print/Type)	Michael R. Ward	Date	April 26, 2007		

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Dated: April 26, 2007

Signature: Vicki Henry (Vicki Henry)

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PTO/SB/21 (09-08)

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TRANSMITTAL  
FORM

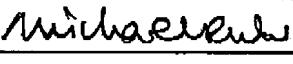
(To be used for all correspondence after initial filing)

		Application Number	10/664,513
		Filing Date	September 16, 2003
		First Named Inventor	Marc K. HELLERSTEIN
		Art Unit	1655
		Examiner Name	P.C. Martin
Total Number of Pages in This Submission	4	Attorney Docket Number	416272003700

## ENCLOSURES (Check all that apply)

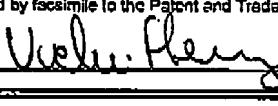
<input checked="" type="checkbox"/> Fee Transmittal Form, in duplicate, 2 pages	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request 1 page	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.62 or 1.53	Facsimile cover sheet is the uncounted page in this transmission.	

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Michael R. Ward		
Date	April 26, 2007	Reg. No.	38,651

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(Vicki Henry)

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PTO/SB/22 (09-06)

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<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> <b>FY 2006</b> <b>(Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)</b>		Docket Number (Optional)  416272003700
Application Number	10/664,513	Filed September 16, 2003
For	BIOCHEMICAL METHODS FOR MEASURING METABOLIC FITNESS OF TISSUES OR WHOLE ORGANISMS	
Art Unit	1655	Examiner P.C. Martin

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1890	\$795
<input checked="" type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080

Applicant claims small entity status. See 37 CFR 1.27.

A check in the amount of the fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director has already been authorized to charge fees in this application to a Deposit Account.

The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 03-1952 I have enclosed a duplicate copy of this sheet. Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

I am the  applicant/inventor.  
 assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  
 attorney or agent of record. Registration Number 38,651  
 attorney or agent under 37 CFR 1.34.  
 Registration number if acting under 37 CFR 1.34

Michael R. Ward  
Signature

April 25, 2007

Date

Michael R. Ward  
Typed or printed name

415.268.6237

Telephone Number

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

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Signature: Vicki Henry

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